

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Andreas Meinke *et al.*

Serial No.: 10/553,928

Filed: October 20, 2005

For: H PYLORI ANTIGENS

Group Art Unit: 1645

Examiner: Unknown

Atty. Dkt. No.: SONN:079US

Confirmation No.: 5881

CERTIFICATE OF ELECTRONIC SUBMISSION

DATE OF SUBMISSION: January 18, 2007

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

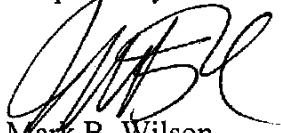
In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. § 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/SONN:079US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Reg. No. 37,259
Attorney for Applicants

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Date: January 18, 2007

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| Form PTO-1449 (modified) | | Atty. Docket No. SONN:079US | Serial No. 10/553,928 |
| List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | Applicant Andreas Meinke <i>et al.</i> | |
| | | Filing Date: October 20, 2005 | Group: 1645 |
| U.S. Patent Documents <i>See Page 1</i> | Foreign Patent Documents <i>See Page 1</i> | Other Art <i>See Page 1</i> | |

U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|------|------|-------|-----------|---------------------|
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Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Country | Language |
|-------------|-----------|-----------------|----------|---------|---------------------------|
| | B1 | AT A 1924/2001 | 12/07/01 | Austria | English |
| | B2 | DE 19742706 | 04/15/99 | Germany | German (English Abstract) |
| | B3 | WO 00/45839 | 08/10/00 | WIPO | English |
| | B4 | WO 01/24822 | 04/12/01 | WIPO | English |
| | B5 | WO 01/54720 | 08/02/01 | WIPO | English |
| | B6 | WO 01/93903 | 12/13/01 | WIPO | English |
| | B7 | WO 01/93905 | 12/13/01 | WIPO | English |
| | B8 | WO 01/98499 | 12/27/01 | WIPO | English |
| | B9 | WO 02/059148 | 08/01/02 | WIPO | English |
| | B10 | WO 02/095027 | 11/28/02 | WIPO | English |
| | B11 | WO 02/13857 | 02/21/02 | WIPO | English |
| | B12 | WO 02/32451 | 04/25/02 | WIPO | English |
| | B13 | WO 96/02555 | 02/01/96 | WIPO | English |
| | B14 | WO 97/30721 | 08/28/97 | WIPO | German (English Abstract) |
| | B15 | WO 99/16873 | 04/08/99 | WIPO | German (English Abstract) |
| | B16 | WO 99/38528 | 08/05/99 | WIPO | German (English Abstract) |

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation |
|-------------|-----------|--|
| | C1 | Alm <i>et al.</i> , "Genomic-sequence comparison of two unrelated isolates of the human gastric pathogen <i>Helicobacter pylori</i> ," <i>Nature</i> , 397:176-180, 1999. |
| | C2 | Database EMBL, Database Accession Number: 024884. |
| | C3 | Etz <i>et al.</i> , "Identification of in vivo expressed vaccine candidate antigens from <i>Staphylococcus aureus</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 99:6573-6578, 2002. |
| | C4 | Ferrero and Labigne, "Helicobacter pylori vaccine development in the post-genomic era: can in silico translate to in vivo," <i>Scand. J. Immunol.</i> , 53:443-448, 2001. |
| | C5 | Haas <i>et al.</i> , "Immunoproteomics of Helicobacter pylori infection and relation to gastric disease," <i>Proteomics</i> , 2:313-324, 2002. |
| | C6 | Henics <i>et al.</i> , "Small-Fragment Genomic Libraries for the Display of Putative Epitopes from Clinically Significant Pathogens," <i>Biotechniques</i> , 35:196-200, 2003. |
| | C7 | Prinz <i>et al.</i> , "Helicobacter pylori virulence factors and the host immune response: implications for therapeutic vaccination," <i>Trends Microbiol.</i> , 11:134-138, 2003. |
| | C8 | Sabarth <i>et al.</i> , "Multiparameter selection of Helicobacter pylori antigens identifies two novel antigens with high protective efficacy," <i>Infect. Immun.</i> , 70:6499-6503, 2002. |
| | C9 | Sutton, "Progress in vaccination against Helicobacter pylori," <i>Vaccine</i> , 19:2286-2290, 2001. |
| | C10 | Svennerholm, "Prospects for a mucosally-administered vaccine against Helicobacter pylori," <i>Vaccine</i> , 21:347-353, 2003. |
| | C11 | Tomb <i>et al.</i> , "The complete genome sequence of the gastric pathogen <i>Helicobacter pylori</i> ," <i>Nature</i> , 388:539-547, 1997. |
| | C12 | Wu <i>et al.</i> , "Bifunctional phosphomannose isomerase/GDP-D-mannose pyrophosphorylase is the point of control for GDP-D-mannose biosynthesis in <i>Helicobacter pylori</i> ," <i>FEBS Letters</i> , 519:87-92, 2002. |

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